

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 5429-05

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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing and Measuring Devices***

**For:**

Water Dispenser  
Model: AF-1

**Submitted by:**

Bottle Water Vending Inc. (Aquafill)  
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**Standard Features and Options**

- Self contained free standing system
- 1 and 5 gallon vends
- Amco Model C700 water meter with B type pulser
- Controller Model Direct Logic 06
- Multi-Drop Bus (MDB) Coin Mechanism
- Dollar bill validator
- Pre-pay card reader
- Customer indicator accumulates value of gallons units available on prepaid card
- A display indicates when "sold-out" or a "correct change" condition exists
- Level sensors for air elimination

**NOTE:** Money-operated type devices shall have clearly and conspicuously displayed adequate information detailing the method for the return of monies when the product or service cannot be obtained. This information shall include the name, address, and phone number of the *local* servicing agency for the device.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: March 29, 2005



Mike Cleary, Director

**Bottle Water Vending Inc. (Aquafill)  
Water Dispenser  
Model: AF-1**

**Application:** Approved for use as a water vending dispenser.

**Identification:** The identification badge is located on the lower left side of the dispenser cabinet.

**Sealing:** The water meter, located in the dispenser cabinet, can be sealed with a wire security seal threaded through a hole on the register locking ring to a hole on the measuring chamber. The DL06 controller housing has provisions for applying a wire security seal to the cover and housing on two sides of the box.

**Operation:** This device is a money value water vending dispenser designed to deliver water in single, uninterrupted quantities of 1 or 5 gallons. Delivered volume is regulated by an AMCO Model C-700 water meter equipped with a Type B, self-powered generator. When using a card reader it indicates the units in gallons available for purchase. When using a coin changer or bill validator another indicator displays the accumulated value. When change cannot be made for over-deposits, a display reflecting "correct change" will be indicated. When product is not available, an indicator reflects the "sold out" condition for which dispensing is not allowed and the machine will not accept any form of payment.

**Test Conditions:** The emphasis of the evaluation was on device design, accuracy, and repeatability requirements. Field tests were conducted to verify the coin, dollar bill and pre-pay card mechanism and the accuracy of the 1 and 5 gallon water vends. Throughput of 2185 vends were recorded between the initial and permanence tests to insure the long term accuracy still meets the tolerance.

Results of the evaluation indicate the devices comply with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2004 Edition

**Tested By:** John Roach (CA), Jim Byers (CA)

